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### (25) 國際出願の言語・

日本語

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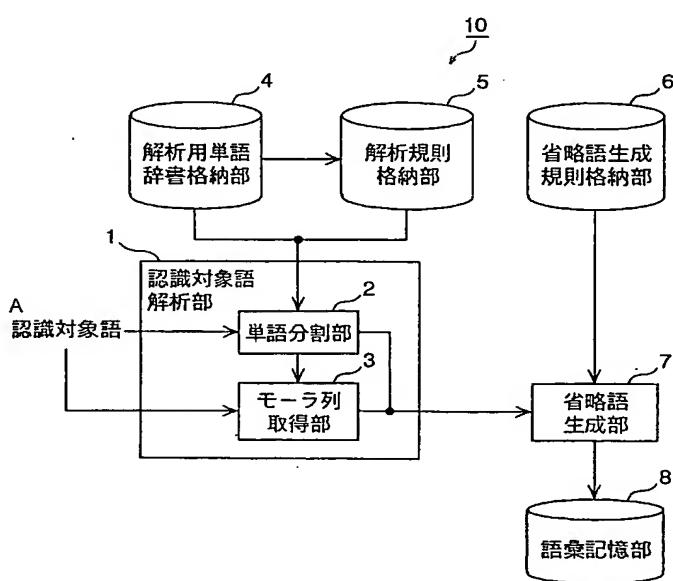
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〔続葉有〕

(54) Title: SPEECH RECOGNITION DICTIONARY CREATION DEVICE AND SPEECH RECOGNITION DEVICE

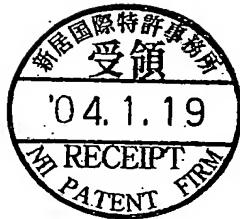
(54) 発明の名称: 音声認識用辞書作成装置および音声認識装置



- 4...WORDS-TO-BE-ANALYZED DICTIONARY STORAGE SECTION
- 5...ANALYSIS RULE STORAGE SECTION
- 6...ABBREVIATED WORD CREATION RULE STORAGE SECTION
- 1...RECOGNITION OBJECT WORD ANALYSIS SECTION
- A...RECOGNITION OBJECT WORD
- 2...WORD SEPARATION SECTION
- 3...MORA STRING ACQUISITION SECTION
- 7...ABBREVIATED WORD CREATION SECTION
- 8...VOCABULARY STORAGE SECTION

**(57) Abstract:** A speech recognition dictionary creation device (10) can effectively create a speech recognition dictionary capable of recognizing even an abbreviated expression of a word with a high recognition ratio. The device includes: a word separation section (2) for dividing a recognition object speech consisting of one or more words into constituting words; a mora string acquisition section (3) for creating a mora string for each of the constituting words according to the reading of the constituting words separated; an abbreviated word creation rule storage section (6) for storing an abbreviated word creation rule using mora; an abbreviated word creation section (7) for taking a mora out of a mora string of each constituting word, concatenating them so as to create a candidate of an abbreviated word consisting of one or more moras and applying the abbreviated word creation rule to the candidates so as to create an abbreviated word; and vocabulary storage section (8) for storing the created abbreviated word together with the recognition object word as a speech recognition dictionary.

(57) 要約: 単語の省略的な言い換え表現に対しても高い認識率で認識することが可能な音声認識用辞書を効率的に作成する音声認識用辞書作成装置（10）であって、1以上の単語から構成される認識対象語を構成単語に分割する単語分割部（2）、分割された構成単語ごとの読みに基づいて、構成単語ごとのモーラ列を生成するモーラ列取得部（3）、モーラを用いた省略語の生成規則を格納している省略語生成規則格



## PATENT COOPERATION TREATY

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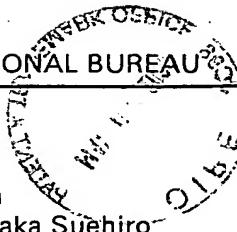
NOTIFICATION CONCERNING  
SUBMISSION OR TRANSMITTAL  
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(PCT Administrative Instructions, Section 411)

From the INTERNATIONAL BUREAU

To:

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International publication date (day/month/year) Not yet published	Applicant MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. et al		

1. By means of this Form, which replaces any previously issued notification concerning submission or transmittal of priority documents, the applicant is hereby notified of the date of receipt by the International Bureau of the priority document(s) relating to all earlier application(s) whose priority is claimed. Unless otherwise indicated by the letters "NR", in the right-hand column or by an asterisk appearing next to a date of receipt, the priority document concerned was submitted or transmitted to the International Bureau in compliance with Rule 17.1(a) or (b).
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<u>Priority date</u>	<u>Priority application No.</u>	<u>Country or regional Office or PCT receiving Office</u>	<u>Date of receipt of priority document</u>
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